Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
Data File : VY004163.D
Acq On : 22 Mar 2021 16:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**LabSampleId :** VSTDCCC050

Quant Time: Mar 23 01:10:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 0.402 | 0.316 | 21.4 | 66 | 0.00 |
| 3 | P | Chloromethane | 0.541 | 0.450 | 16.8 | 64 | 0.00 |
| 4 | C | Vinyl Chloride | 0.604 | 0.517 | 14.4# | 65 | 0.00 |
| 5 | T | Bromomethane | 0.386 | 0.355 | 8.0 | 71 | 0.00 |
| 6 | T | Chloroethane | 0.368 | 0.339 | 7.9 | 67 | 0.00 |
| 7 | T | Trichlorofluoromethane | 0.803 | 0.782 | 2.6 | 71 | 0.00 |
| 8 | T | Diethyl Ether | 0.257 | 0.243 | 5.4 | 66 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 0.449 | 0.438 | 2.4 | 71 | 0.00 |
| 10 | T | Methyl Iodide | 0.459 | 0.465 | -1.3 | 69 | 0.00 |
| 11 | T | Tert butyl alcohol | 0.045 | 0.033 | 26.7# | 49# | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 0.440 | 0.416 | 5.5# | 69 | 0.00 |
| 13 | T | Acrolein | 0.044 | 0.033 | 25.0 | 45# | 0.00 |
| 14 | T | Allyl chloride | 0.727 | 0.638 | 12.2 | 62 | 0.00 |
| 15 | T | Acrylonitrile | 0.128 | 0.108 | 15.6 | 57 | 0.00 |
| 16 | T | Acetone | 0.119 | 0.079 | 33.6# | 42# | 0.00 |
| 17 | T | Carbon Disulfide | 1.293 | 1.077 | 16.7 | 62 | 0.00 |
| 18 | T | Methyl Acetate | 0.294 | 0.255 | 13.3 | 58 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 1.252 | 1.175 | 6.2 | 64 | 0.00 |
| 20 | T | Methylene Chloride | 0.575 | 0.478 | 16.9 | 69 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 0.494 | 0.478 | 3.2 | 70 | 0.00 |
| 22 | T | Diisopropyl ether | 1.535 | 1.412 | 8.0 | 64 | 0.00 |
| 23 | T | Vinyl Acetate | 1.010 | 0.874 | 13.5 | 59 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 0.852 | 0.834 | 2.1 | 69 | 0.00 |
| 25 | T | 2-Butanone | 0.172 | 0.131 | 23.8 | 50# | 0.00 |
| 26 | T | 2,2-Dichloropropane | 0.814 | 0.773 | 5.0 | 67 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 0.562 | 0.560 | 0.4 | 71 | 0.00 |
| 28 | T | Bromochloromethane | 0.372 | 0.354 | 4.8 | 67 | 0.00 |
| 29 | T | Tetrahydrofuran | 0.112 | 0.087 | 22.3 | 52 | 0.00 |
| 30 | C | Chloroform | 0.883 | 0.899 | -1.8# | 72 | 0.00 |
| 31 | T | Cyclohexane | 0.866 | 0.721 | 16.7 | 63 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 0.819 | 0.827 | -1.0 | 71 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 0.493 | 0.461 | 6.5 | 63 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 35 | S | Dibromofluoromethane | 0.282 | 0.288 | -2.1 | 69 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 0.439 | 0.422 | 3.9 | 68 | 0.00 |
| 37 | T | Ethyl Acetate | 0.237 | 0.195 | 17.7 | 54 | 0.00 |
| 38 | T | Carbon Tetrachloride | 0.466 | 0.475 | -1.9 | 72 | 0.00 |
| 39 | T | Methylcyclohexane | 0.567 | 0.526 | 7.2 | 67 | 0.00 |
| 40 | TM | Benzene | 1.237 | 1.215 | 1.8 | 70 | 0.00 |
| 41 | T | Methacrylonitrile | 0.147 | 0.132 | 10.2 | 63 | -0.02 |
| 42 | TM | 1,2-Dichloroethane | 0.378 | 0.366 | 3.2 | 67 | 0.00 |
| 43 | T | Isopropyl Acetate | 0.475 | 0.391 | 17.7 | 55 | 0.00 |
| 44 | TM | Trichloroethene | 0.358 | 0.377 | -5.3 | 74 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 0.309 | 0.303 | 1.9# | 68 | 0.00 |
| 46 | T | Dibromomethane | 0.177 | 0.174 | 1.7 | 68 | 0.00 |
| 47 | T | Bromodichloromethane | 0.441 | 0.446 | -1.1 | 70 | 0.00 |
| 48 | T | Methyl methacrylate | 0.226 | 0.185 | 18.1 | 54 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
Data File : VY004163.D
Acq On : 22 Mar 2021 16:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**LabSampleId :** VSTDCCC050

Quant Time: Mar 23 01:10:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 0.002 | 0.002 | 0.0 | 58 | 0.00 |
| 50 | S | Toluene-d8 | 1.105 | 1.076 | 2.6 | 67 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 0.240 | 0.200 | 16.7 | 53 | 0.00 |
| 52 | CM | Toluene | 0.801 | 0.806 | -0.6# | 71 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 0.465 | 0.443 | 4.7 | 65 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 0.521 | 0.504 | 3.3 | 66 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 0.248 | 0.247 | 0.4 | 68 | 0.00 |
| 56 | T | Ethyl methacrylate | 0.347 | 0.319 | 8.1 | 61 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 0.425 | 0.409 | 3.8 | 65 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 0.154 | 0.125 | 18.8 | 63 | 0.00 |
| 59 | T | 2-Hexanone | 0.169 | 0.135 | 20.1 | 51 | 0.00 |
| 60 | T | Dibromochloromethane | 0.312 | 0.320 | -2.6 | 69 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 0.242 | 0.236 | 2.5 | 67 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 0.408 | 0.385 | 5.6 | 64 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 64 | T | Tetrachloroethene | 0.419 | 0.464 | -10.7 | 79 | 0.00 |
| 65 | PM | Chlorobenzene | 0.958 | 0.989 | -3.2 | 72 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 0.358 | 0.378 | -5.6 | 73 | 0.00 |
| 67 | C | Ethyl Benzene | 1.759 | 1.767 | -0.5# | 71 | 0.00 |
| 68 | T | m/p-Xylenes | 0.671 | 0.679 | -1.2 | 71 | 0.00 |
| 69 | T | o-Xylene | 0.634 | 0.643 | -1.4 | 71 | 0.00 |
| 70 | T | Styrene | 1.086 | 1.101 | -1.4 | 70 | 0.00 |
| 71 | P | Bromoform | 0.214 | 0.210 | 1.9 | 65 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 73 | T | Isopropylbenzene | 3.475 | 3.536 | -1.8 | 71 | 0.00 |
| 74 | T | N-amyl acetate | 0.995 | 0.828 | 16.8 | 54 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 0.604 | 0.536 | 11.3 | 58 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 0.479 | 0.428 | 10.6 | 60 | 0.00 |
| 77 | T | Bromobenzene | 0.803 | 0.848 | -5.6 | 72 | 0.00 |
| 78 | T | n-propylbenzene | 4.094 | 4.073 | 0.5 | 69 | 0.00 |
| 79 | T | 2-Chlorotoluene | 2.298 | 2.281 | 0.7 | 69 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 2.947 | 2.978 | -1.1 | 70 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 0.243 | 0.213 | 12.3 | 57 | 0.00 |
| 82 | T | 4-Chlorotoluene | 2.433 | 2.407 | 1.1 | 69 | 0.00 |
| 83 | T | tert-Butylbenzene | 2.536 | 2.596 | -2.4 | 71 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 2.952 | 2.981 | -1.0 | 70 | 0.00 |
| 85 | T | sec-Butylbenzene | 3.497 | 3.573 | -2.2 | 70 | 0.00 |
| 86 | T | p-Isopropyltoluene | 3.242 | 3.312 | -2.2 | 70 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 1.550 | 1.613 | -4.1 | 71 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 1.547 | 1.593 | -3.0 | 71 | 0.00 |
| 89 | T | n-Butylbenzene | 3.085 | 3.070 | 0.5 | 68 | 0.00 |
| 90 | T | Hexachloroethane | 0.583 | 0.598 | -2.6 | 70 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 1.375 | 1.411 | -2.6 | 70 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 0.114 | 0.097 | 14.9 | 56 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 0.932 | 0.971 | -4.2 | 70 | 0.00 |
| 94 | T | Hexachlorobutadiene | 0.523 | 0.548 | -4.8 | 71 | 0.00 |
| 95 | T | Naphthalene | 1.847 | 1.834 | 0.7 | 65 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
Data File : VY004163.D
Acq On : 22 Mar 2021 16:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**LabSampleId :**
VSTDCCC050

Quant Time: Mar 23 01:10:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 0.784 | 0.822 | -4.8 | 70 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6